

JUL 21 2001 PCT/PTO 21 DEC 2001

FORM PTO-1390  
(REV 10-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

HAC-030

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/019473

INTERNATIONAL APPLICATION NO.

PCT/AU00/00724

INTERNATIONAL FILING DATE

26 June 2000

PRIORITY DATE CLAIMED

25 June 1999

TITLE OF INVENTION

Diverter Valve/Filter and Downpipe Filter

APPLICANT(S) FOR DO/EO/US

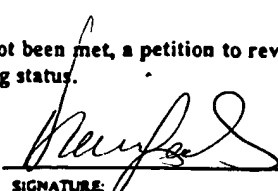
VISSER, Timon Jacob

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendemnts has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

| <div style="display: flex; justify-content: space-between;"> <span>US APPLICATION NO. <b>10/019153</b></span> <span>INTERNATIONAL APPLICATION NO. <b>PCT/AU00/00724</b></span> <span>ATTORNEY'S DOCKET NUMBER <b>HAC-030</b></span> </div>   |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
|--|--------------|--------------|--------------|------------------|------|--|--------------|-----------|----|-----------|--------|--------------------|---------|---|--------|----|---|--|--|--|---------|--------------------------------------|--|--|--|---------|--|--|--|--|--------|-------------------|--|--|--|--------|--|--|--|--|----|-----------------------------|--|--|--|--------|---|--|--|--|----|------------------------------|--|--|--|--------|--|--|--|--|------------------|--|--|--|--|-------------|--|--|--|--|------------|
| <div style="display: flex; justify-content: space-between;"> <span><b>531 Rec'd</b></span> <span><b>21 DEC 2001</b></span> </div>  |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$ 1040</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 890</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 740</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 710</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 100</p> <p style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p>  |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>   |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>30 - 20 =</td> <td>10</td> <td>X \$18.00</td> <td>\$ 180</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>X \$84</td> <td>\$</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$ 1220</td> </tr> <tr> <td colspan="4">Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</td> <td>\$ 610</td> </tr> <tr> <td colspan="4"><b>SUBTOTAL =</b></td> <td>\$ 610</td> </tr> <tr> <td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> </tr> <tr> <td colspan="4"><b>TOTAL NATIONAL FEE =</b></td> <td>\$ 610</td> </tr> <tr> <td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.</td> <td>\$</td> </tr> <tr> <td colspan="4"><b>TOTAL FEES ENCLOSED =</b></td> <td>\$ 610</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be: \$</td> </tr> <tr> <td colspan="4"></td> <td>refunded \$</td> </tr> <tr> <td colspan="4"></td> <td>charged \$</td> </tr> </tbody> </table> |              | CLAIMS       | NUMBER FILED | NUMBER EXTRA     | RATE |  | Total claims | 30 - 20 = | 10 | X \$18.00 | \$ 180 | Independent claims | 3 - 3 = | 0 | X \$84 | \$ | MULTIPLE DEPENDENT CLAIM(S) (if applicable) |  |  |  | + \$280 | <b>TOTAL OF ABOVE CALCULATIONS =</b> |  |  |  | \$ 1220 | Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). |  |  |  | \$ 610 | <b>SUBTOTAL =</b> |  |  |  | \$ 610 | Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |  |  |  | \$ | <b>TOTAL NATIONAL FEE =</b> |  |  |  | \$ 610 | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. |  |  |  | \$ | <b>TOTAL FEES ENCLOSED =</b> |  |  |  | \$ 610 |  |  |  |  | Amount to be: \$ |  |  |  |  | refunded \$ |  |  |  |  | charged \$ |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE         |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| Total claims   | 30 - 20 =    | 10           | X \$18.00    | \$ 180           |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| Independent claims   | 3 - 3 =      | 0            | X \$84       | \$               |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |              |              | + \$280          |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |              | \$ 1220          |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).   |              |              |              | \$ 610           |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <b>SUBTOTAL =</b>  |              |              |              | \$ 610           |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |              |              | \$               |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |              | \$ 610           |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.  |              |              |              | \$               |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |              | \$ 610           |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
|  |              |              |              | Amount to be: \$ |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
|  |              |              |              | refunded \$      |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
|  |              |              |              | charged \$       |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>610.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1732</u>. A duplicate copy of this sheet is enclosed.</p>  |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p><b>Gordon &amp; Jacobson, P.C.</b><br/> <b>65 Woods End Road</b><br/> <b>Stamford, CT 06905</b></p>   |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |
| <p>SIGNATURE: </p> <p><b>David S. Jacobson</b></p> <p>NAME <b>39,235</b></p> <p>REGISTRATION NUMBER</p>   |              |              |              |                  |      |  |              |           |    |           |        |                    |         |   |        |    |   |  |  |  |         |                                      |  |  |  |         |  |  |  |  |        |                   |  |  |  |        |  |  |  |  |    |                             |  |  |  |        |   |  |  |  |    |                              |  |  |  |        |  |  |  |  |                  |  |  |  |  |             |  |  |  |  |            |

10/019473

531 Rec'd PCT/PT 21 DEC 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Timon Jacob Visser

INT'L APPL'N NO.: PCT/AU00/00724

GROUP ART UNIT:

INT'L FILING DATE: 26 June 2000

EXAMINER:

FOR: Diverter Valve/Filter and  
Downpipe Filter

ATT'Y DOCKET NO.: HAC-030

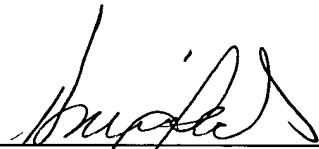
Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EL 044 829 516 US  
Date of Deposit: December 21, 2001

I hereby certify that the attached 35 USC 371 Request for Commencement of US National Stage (Form PTO-1390), patent application, filing fee, Declaration and Power of Attorney and International Search Report for the application identified above, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

  
\_\_\_\_\_  
David S. Jacobson  
Reg. #39,235

65 Woods End Road  
Stamford, CT 06905  
(203) 329-1160